



**In the United States Patent and Trademark Office**

In re application of:

Craig M. Jarchow

Serial No: 09/498,012

Filed: February 4, 2000

Title: System for Estimating Thickness of Thin Subsurface Strata

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Group Art Unit: 2128

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Examiner: Day, Herng Der

Attorney Docket No. APA-001

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E. Eugene Thigpen

**REPLY UNDER 37 CFR § 1.111**

Sir:

**(A) Introductory Comments**

In response to the Office Action dated April 20, 2004, Applicants respectfully submit the following Response to Office Action for consideration by the Examiner. A Petition for Extension of Time for three months is submitted herewith, along with the fee for the Petition. A response is now due on or before October 20, 2004. Reconsideration and Reexamination is respectfully requested.